

SEQUENCE LISTING

<110> OLSON, ERIC
FREY, NORBERT

<120> METHODS AND COMPOSITIONS RELATING TO MUSCLE SPECIFIC
CALCINEURIN ASSOCIATED PROTEIN (CAP)

<130> UTSD:729US

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<141> 2001-11-07

<150> 60/246,629

<151> 2000-11-07

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<170> PatentIn Ver. 2.1

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<212> DNA

<213> Homo sapiens

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Ser Asp Lys Tyr Thr Phe Glu Asn Phe Gln Tyr Gln Ser Arg Ala Gln
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Ile Asn His Ser Ile Ala Met Gln Asn Gly Lys Val Asp Gly Ser Asn
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Asp Pro Arg Ser Pro Pro Asn Pro Asp Asn Ile Ala Pro Gly Tyr Ser
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      35              40              45

His Phe Ser Asn Arg Gly Ala Arg Leu Phe Lys Met Arg Gln Arg Arg
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Ser Asp Lys Tyr Thr Phe Glu Asn Phe Gln Tyr Glu Ser Arg Ala Gln
      65              70              75              80

Ile Asn His Asn Ile Ala Met Gln Asn Gly Arg Val Asp Gly Ser Asn
      85              90              95

Leu Glu Gly Gly Ser Gln Gln Gly Pro Ser Thr Pro Pro Asn Thr Pro
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Asp Pro Arg Ser Pro Pro Asn Pro Glu Asn Ile Ala Pro Gly Tyr Ser
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Pro Leu Ser Gly Arg Arg Cys Phe Asn Arg Ala Pro Lys Gly Trp Val
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<213> Homo sapiens

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 35 40 45

Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe
 50 55 60
 Glu Leu Ala Ala Ser Gln Arg Ala Met Leu Ala Gly Ser Ala Arg Arg
 65 70 75 80
 Lys Val Thr Gly Thr Ala Glu Ser Gly Thr Val Ala Asn Ala Asn Gly
 85 90 95
 Pro Glu Gly Pro Asn Tyr Arg Ser Glu Leu His Ile Phe Pro Ala Ser
 100 105 110
 Pro Gly Ala Ser Leu Gly Gly Pro Glu Gly Ala His Pro Ala Ala Ala
 115 120 125
 Pro Ala Gly Cys Val Pro Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala
 130 135 140
 Glu Pro Leu Lys Gly Val Pro Pro Glu Lys Phe Asn His Thr Ala Ile
 145 150 155 160
 Pro Lys Gly Tyr Arg Cys Pro Trp Gln Glu Phe Val Ser Tyr Arg Asp
 165 170 175
 Tyr Gln Ser Asp Gly Arg Ser His Thr Pro Ser Pro Asn Asp Tyr Arg
 180 185 190
 Asn Phe Asn Lys Thr Pro Val Pro Phe Gly Gly Pro Leu Val Gly Gly
 195 200 205
 Thr Phe Pro Arg Pro Gly Thr Pro Phe Ile Pro Glu Pro Leu Ser Gly
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 Trp Val Arg Asn Leu Pro Glu Ser Glu Glu Leu
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 35 40 45
 Ser Leu Leu Phe Gln Lys Arg Gln Arg Arg Val Gln Lys Phe Thr Phe
 50 55 60
 Glu Leu Ser Glu Ser Leu Gln Ala Ile Leu Ala Ser Ser Ala Arg Gly
 65 70 75 80
 Lys Val Ala Gly Arg Ala Ala Gln Ala Thr Val Pro Asn Gly Leu Glu
 85 90 95
 Glu Gln Asn His His Ser Glu Thr His Val Phe Gln Gly Ser Pro Gly
 100 105 110
 Asp Pro Gly Ile Thr His Leu Gly Ala Ala Gly Thr Gly Ser Val Arg
 115 120 125
 Ser Pro Ser Ala Leu Ala Pro Gly Tyr Ala Glu Pro Leu Lys Gly Val
 130 135 140
 Pro Pro Glu Lys Phe Asn His Thr Ala Ile Pro Lys Gly Tyr Arg Cys
 145 150 155 160
 Pro Trp Gln Glu Phe Thr Ser Tyr Gln Asp Tyr Ser Ser Gly Ser Arg
 165 170 175
 Ser His Thr Pro Ile Pro Arg Asp Tyr Arg Asn Phe Asn Lys Thr Pro
 180 185 190

Val Pro Phe Gly Gly Pro His Val Arg Glu Ala Ile Phe His Ala Gly
195 200 205

Thr Pro Phe Val Pro Glu Ser Phe Ser Gly Leu Glu Leu Leu Arg Leu
210 215 220

Arg Pro Asn Phe Asn Arg Val Ala Gln Gly Trp Val Arg Lys Leu Pro
225 230 235 240

Glu Ser Glu Glu Leu
245